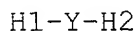


**COVALENT CHEMICAL INDUCERS OF PROTEIN DIMERIZATION  
AND THEIR USES IN HIGH THROUGHPUT BINDING SCREENS**

Abstract of the Invention

Described are compounds having the formula:



where H1 is a substrate capable of selectively binding to a first receptor; where H2 is a substrate capable of selectively binding to and selectively forming a covalent bond with a second receptor; and wherein Y is a moiety providing a covalent linkage between H1 and H2, which may be present or absent, and when absent, H1 is covalently linked to H2. Also described are uses of the compounds for in vivo screening of compounds and proteins.

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